

25. (New) The apparatus of claim 23, wherein said movable dispenser is adapted to deposit part of said photoformable composition above said platform.
26. (New) The apparatus of claim 23, wherein said apparatus further comprises a radiation source capable of curing said photoformable composition.
27. (New) The apparatus of claim 23, wherein said dispenser comprises a pair of plates that hold the lifted composition therebetween.
28. (New) The coating station of claim 23, wherein said dispenser includes a holding mechanism that holds the lifted composition above the surface of said photoformable composition in the vessel.
29. (New) The coating station of claim 23, wherein the dispenser includes a blade with an edge positioned at the surface of said photoformable composition in the vessel.
30. (New) The coating station of claim 23, wherein said dispenser includes a blade with a holding mechanism that holds lifted composition against a surface of the blade.
31. (New) The coating station of claim 23, wherein the dispenser includes a pair of plates that form a holding chamber therebetween, wherein a portion of the composition is retained within the chamber while another portion of the composition is allowed to flow from the chamber by force of gravity.
32. (New) A solid imaging apparatus, comprising:
a vessel that holds a composition having a surface;
a platform movably supported within the vessel, such that a distance between the platform and the surface of the composition can be varied;
a dispenser that lifts composition from the surface of the composition; and

wherein said dispenser comprises a pair of plates adapted to hold and release lifted composition therebetween.

33. (New) A solid imaging apparatus, comprising:

an imaging station including

- (i) a radiation source that generates a beam,
- (ii) a deflector positioned to selectively direct the beam onto a surface, and
- (iii) a controller connected to the deflector to control the beam deflection onto the surface; and

a coating station including

- (i) a vessel for holding a photoformable composition,
- (ii) a platform having a support surface disposed within the vessel,
- (iii) a platform support coupled to the platform that moves the platform within the vessel to change the distance between the support surface and the surface of the photoformable composition,
- (iv) a dispenser adapted to lift photoformable composition in the vessel, and
- (v) a dispenser support coupled to the dispenser that moves the dispenser across the support surface of the platform to distribute, above the perimeter of said platform, lifted photoformable composition held in the dispenser.

34. (New) The solid imaging apparatus of claim 33, wherein the dispenser includes a pair of plates.

35. (New) The solid imaging apparatus of claim 33, wherein the dispenser includes a pair of plates that hold the photoformable composition therebetween.

36. (New) The solid imaging apparatus of claim 33, wherein the dispenser includes a blade with an edge that extends generally parallel to the support surface of the platform.

37. (New) The solid imaging apparatus of claim 33, wherein the dispenser includes a blade, and the photoformable composition is held adjacent to the blade.

38. (New) The solid imaging apparatus of claim 33, wherein the controller is also connected to the dispenser support to control transfer and distribution of the photoformable composition.

39. (New) A process comprising forming a three-dimensional object with the apparatus of claim 23 comprising selectively imaging successive layers of said photoformable composition.

41 40. (New) The process of claim 39, comprising lifting and depositing photoformable composition through said opening.

41. (New) The process of claim 39, wherein said composition is cationically polymerizable.

42. (New) The process of claim 39, wherein said composition comprises ethoxylated trimethylol propane triacrylate.

43. (New) The process of claim 39, wherein said composition comprises a urethane acrylate.

44. (New) An article obtained with the process of claim 39.

45. (New) A process comprising forming a three-dimensional object with the apparatus of claim 32, comprising selectively imaging successive layers of said photoformable composition.

46. (New) The process of claim 45, comprising lifting photoformable composition with said dispenser and releasing lifted composition with said dispenser.

47. (New) An article obtained with the process of claim 45.

48. (New) A photoformable composition for use in the apparatus of claim 33.

c' 49. (New) A process comprising forming a three-dimensional object with the apparatus of claim 33, comprising selectively imaging successive layers of said photoformable composition.

50. (New) The process of claim 49, comprising lifting photoformable composition with said dispenser and distributing lifted composition with said dispenser.

51. (New) An article obtained with the process of claim 49.